

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/PL 03/00040

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C30B9/00 C30B29/40

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 796 657 A (THOMSON CSF) 26 January 2001 (2001-01-26) cited in the application page 6, line 10 -page 8, line 18	1,2,4-6, 21-25
A	WO 98 55671 A (GRZEGORY IZABELLA ;KRUKOWSKI STANISDAW (PL); WROBLEWSKI MIROSDAW () 10 December 1998 (1998-12-10) the whole document	
A	US 6 177 057 B1 (PURDY ANDREW P) 23 January 2001 (2001-01-23) -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

25 September 2003

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06/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Cook, S

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KETCHUM D R ET AL: "Crystal growth of gallium nitride in supercritical ammonia" JOURNAL OF CRYSTAL GROWTH, NORTH-HOLLAND PUBLISHING, AMSTERDAM, NL, vol. 222, no. 3, January 2001 (2001-01), pages 431-434, XP004314417 ISSN: 0022-0248 cited in the application</p>	
A	<p>DWILISKI ET AL: "AMMONO method of BN, AlN and GaN synthesis and crystal growth" MRS INTERNET JOURNAL NITRIDE SEMICONDUCTOR RESEARCH, 'Online!' vol. 3, no. 25, 1998, XP002235467 Retrieved from the Internet: &lt;URL:http://nsr.mij.mrs.org/3/25&gt; 'retrieved on 2003-03-20! cited in the application the whole document</p>	
A	<p>YANO M ET AL: "CONTROL OF NUCLEATION SITE AND GROWTH ORIENTATION OF BULK GAN CRYSTALS" JAPANESE JOURNAL OF APPLIED PHYSICS, PUBLICATION OFFICE JAPANESE JOURNAL OF APPLIED PHYSICS. TOKYO, JP, vol. 38, no. 10A, PART 2, 1 October 1999 (1999-10-01), pages L1121-L1123, XP000891127 ISSN: 0021-4922</p>	
A	<p>PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) &amp; JP 10 007496 A (HITACHI CABLE LTD), 13 January 1998 (1998-01-13) abstract</p>	
A	<p>GB 2 326 160 A (HITACHI CABLE) 16 December 1998 (1998-12-16)</p>	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/PL 03/00040

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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